

Page 3, line 20, insert a comma after "illustrates" and after "schematically".

Page 3, line 32, insert -- Figures 5-8 illustrate the method steps of the various
exemplary embodiments of the present invention --.

Page 4, line 32, replace comma with a period, delete "although only", replace first
"the" with --The--.

Page 5, line 21, replace "A5" with --A3--.

Page 8, line 3, after "PSm" insert -- (see steps of Figure 7)--

Page 8, line 11, insert -- (see steps of Figure 5) -- before "or".

Page 8, line 15, insert --(see steps of Figure 6)-- before "used".

Page 8, line 23, insert -- (see steps of Figure 8)-- after "F_N".

Please append the abstract, enclosed on a separate sheet, to the specification.

IN THE CLAIMS:

Please cancel claims 1-4 without prejudice or disclaimer.

Please amend claim 5 as follows:

5. (Amended) A method of encrypting information transmitted between a fixed network [(N)] and a mobile station [(MS)] in a time division multiple access (TDMA) mobile radio system [that operates in accordance with the time division multiple access concept], wherein [the] information is divided into at least two blocks [(B1, B2)] and transmitted in at least two time slots [(TS1, TS2)] corresponding to said blocks] in each frame in a frame sequence, [and wherein encryption is effected by] said method of encrypting information comprising the steps of:

a) forming a pseudo-random sequence [(PS)] from an encryption key [(Kc)] and an [the] ordinal number [(FN)] of the frame in which the information is transmitted in accordance with [a given] an encryption algorithm [(A5)];